AR03.10-P-7311-02V	Measure gap clearance of piston rings		

Test values for piston rings

Number	Designation			Engine 112.910/ 911/912	Engine 112.920/ 921/922/923/940/ 941/942/943/944/ 945/946/947/948/ 960, 113.940/941/942/ 943	Engine 113.944/ 980/981/982/984
BE03.10-P-1002-05B	Piston ring gap clearance	Groove 1	mm	0,200...0,350	0,200...0,350	0,200...0,350
		Groove 2	mm	0,200...0,400	0,200...0,400	0,200...0,400

Test values for piston rings

Number	Designation			Engine 113.960/ 961/ 962/ 963/ 965/ 968/	Engine 113.967
BE03.10-P-1002-05B	Piston ring gap clearance	Groove 1	mm	0,200...0,350	0,200...0,350
		groove 2	mm	0,200...0,400	0,200...0,400

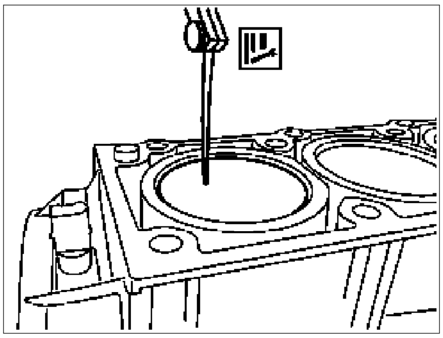
Commercially available tools (see Workshop Equipment Manual)

Number	Designation	Make (e.g.)	Order number
WH58.30-Z-1008-12A	Feeler gage	Stiefelmayer D-73734 Esslingen	59

1 Clean cylinder contact surface.

2 Insert the two compression rings one after the other into the unworn area of the cylinder wall and measure end clearance with feeler gauge; replace piston rings, if necessary.

The gap clearance of the oil scraper ring cannot be checked because of its three-part design. If the compression rings are replaced, the oil scraper ring must also be replaced.



P03.10-2035-01